



Patent  
Attorney's Docket No. 032796-014

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )

John P. CARULLI *et al.* )

Application No.: 09/543,771 )

Filed: April 5, 2000 )

For: HIGH BONE MASS GENE )  
OF 11q13.3 )

Group Art Unit: 1633

Examiner: Sumesh Kaushal, Ph.D.

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APR 29 2002

TECH CENTER 1600/2900

**AMENDMENT & REPLY UNDER 37 C.F.R. § 1.112**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Amendment & Reply is in complete response to the Official Action mailed October 25, 2001, (i.e., Paper No. 14). A Petition requesting a three month extension of time accompanies this Amendment & Reply which is being filed on or before its now current due date of April 25, 2002. In response to this Office Action, Applicants hereby provide the following amendments and remarks.

**IN THE CLAIMS:**

Please cancel claims 20-23 without prejudice or disclaimer.

Kindly add new claims 26-29 to the application as follows.

26. A method of treating osteoporosis comprising administering the extracellular domain of an isolated amino acid sequence of SEQ ID NO: 4 to a patient in need thereof.

27. The method of claim 26, wherein the patient is a human or another vertebrate.